## UNITED STATES PATENT AND TRADEMARK OFFICE

## **CERTIFICATE OF CORRECTION**

PATENT NO. : 7,450,490 B2 Page 1 of 1

APPLICATION NO.: 10/531785

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INVENTOR(S) : Muck et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 4, Line 58, delete "ak" insert -- αk --, therefor.

In Column 7, Line 21, delete " $V_{HP} = [H_{(N+D)\times(N+D)]\cdot(PD}^T 0_N^T]^T$ ," and insert --  $V_{HP} = [H_{(N+D)\times(N+D)}] \cdot (P_D^T 0_N^T)^T$  --, therefor.

In Column 11, Line 58, in Claim 1, delete "J" and insert -- j --, therefor.

$$[\hat{V}] = \left(\sum_{n=0}^{N+D-1} |\beta_k| - \frac{2n}{N+D}\right)^{-\frac{1}{2}}$$

$$\operatorname{diag}\left\{1, \beta_k \frac{1}{N+D}, \dots, \beta_k \frac{N-D-1}{N+D}\right\}, \dots$$

In Column 12, Lines 4 to 8, in Claim 1, delete "

 $[\mathcal{V}] = \left( \sum_{n=0}^{N-D-1} |\beta_k|^{\frac{2n}{N+D}} \right)^{\frac{1}{2}} \bullet diag \left\{ 1, \beta_k \frac{1}{N+D}, \dots, \beta_k \frac{N+D-1}{N+D} \right\}$  --, therefor.

In Column 12, Line 40, in Claim 1, delete " $\mathbf{S}_{(F)}^{\hat{EQ}}(\mathbf{k}) = [\mathbf{F}_{NXN}] \cdot \mathbf{S}^{EQ}$ " and insert --  $\mathbf{S}_F^{EQ}(k) = [\mathbf{F}_{NxN}] \cdot \mathbf{S}^{EQ}$  --, therefor.

Signed and Sealed this

Thirteenth Day of October, 2009

Varid J. Kappos

David J. Kappos

Director of the United States Patent and Trademark Office